

Pennsylvania Consolidated State Application Accountability Workbook

May 1, 2003
Revised May 30, 2003

**for State Grants under Title IX, Part C, Section 9302 of the Elementary and
Secondary Education Act (Public Law 107-110)**



**U. S. Department of Education
Office of Elementary and Secondary Education
Washington, D.C. 20202**

Instructions for Completing Consolidated State Application Accountability Workbook

By January 31, 2003, States must complete and submit to the Department this Consolidated State Application Accountability Workbook. We understand that some of the critical elements for the key principles may still be under consideration and may not yet be final State policy by the January 31 due date. States that do not have final approval for some of these elements or that have not finalized a decision on these elements by January 31 should, when completing the Workbook, indicate the status of each element which is not yet official State policy and provide the anticipated date by which the proposed policy will become effective. In each of these cases, States must include a timeline of steps to complete to ensure that such elements are in place by May 1, 2003, and implemented during the 2002-2003 school year. By no later than May 1, 2003, States must submit to the Department final information for all sections of the Consolidated State Application Accountability Workbook.

Transmittal Instructions

To expedite the receipt of this Consolidated State Application Accountability Workbook, please send your submission via the Internet as a .doc file, pdf file, rtf or .txt file or provide the URL for the site where your submission is posted on the Internet. Send electronic submissions to conapp@ed.gov.

A State that submits only a paper submission should mail the submission by express courier to:

Celia Sims
U.S. Department of Education
400 Maryland Ave., SW
Room 3W300
Washington, D.C. 20202-6400
(202) 401-0113

PART I: Summary of Required Elements for State Accountability Systems

Instructions

The following chart is an overview of States' implementation of the critical elements required for approval of their State accountability systems. States must provide detailed implementation information for each of these elements in Part II of this Consolidated State Application Accountability Workbook.

For each of the elements listed in the following chart, States should indicate the current implementation status in their State using the following legend:

- F:** State has a final policy, approved by all the required entities in the State (e.g., State Board of Education, State Legislature), for implementing this element in its accountability system.
- P:** State has a proposed policy for implementing this element in its accountability system, but must still receive approval by required entities in the State (e.g., State Board of Education, State Legislature).
- W:** State is still working on formulating a policy to implement this element in its accountability system.

Summary of Implementation Status for Required Elements of State Accountability Systems

Status	State Accountability System Element	
<u>Principle 1: All Schools</u>		
F	1.1	Accountability system includes <i>all schools and districts in the state</i> .
F	1.2	Accountability system holds <i>all schools to the same criteria</i> .
F	1.3	Accountability system incorporates the <i>academic achievement standards</i> .
F	1.4	Accountability system provides <i>information in a timely manner</i> .
F	1.5	Accountability system includes <i>report cards</i> .
P	1.6	Accountability system includes <i>rewards and sanctions</i> .
<u>Principle 2: All Students</u>		
F	2.1	The accountability system includes <i>all students</i>
F	2.2	The accountability system has a consistent definition of <i>full academic year</i> .
F	2.3	The accountability system properly includes <i>mobile students</i> .
<u>Principle 3: Method of AYP Determinations</u>		
F	3.1	Accountability system expects <i>all student subgroups, public schools, and LEAs to reach proficiency by 2013-14</i>
W	3.2	Accountability system has a method for determining whether <i>student subgroups, public schools, and LEAs made adequate yearly progress</i> .
F	3.2a	Accountability system establishes a <i>starting point</i> .
F	3.2b	Accountability system establishes <i>statewide annual measurable objectives</i> .
F	3.2c	Accountability system establishes <i>intermediate goals</i> .
<u>Principle 4: Annual Decisions</u>		
F	4.1	The accountability system <i>determines annually the progress</i> of schools and districts.

STATUS Legend:

F – Final state policy

P – Proposed policy, awaiting State approval

W – Working to formulate policy

Principle 5: Subgroup Accountability

F	5.1	The accountability system <i>includes all the required student subgroups</i> .
F	5.2	The accountability system holds <i>schools and LEAs accountable for the progress of student subgroups</i> .
F	5.3	The accountability system includes <i>students with disabilities</i> .
F	5.4	The accountability system includes <i>limited English proficient students</i> .
F	5.5	The State has determined the minimum number of students sufficient to yield statistically reliable information for each purpose for which disaggregated data are used.
F	5.6	The State has strategies to protect the privacy of individual students in reporting achievement results and in determining whether schools and LEAs are making adequate yearly progress on the basis of disaggregated subgroups.

Principle 6: Based on Academic Assessments

F	6.1	Accountability system is based <i>primarily on academic assessments</i> .
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Principle 7: Additional Indicators

F	7.1	Accountability system includes <i>graduation rate for high schools</i> .
F	7.2	Accountability system includes an <i>additional academic indicator for elementary and middle schools</i> .
F	7.3	Additional indicators are valid and reliable.

Principle 8: Separate Decisions for Reading/Language Arts and Mathematics

F	8.1	Accountability system holds students, schools and districts separately accountable for <i>reading/language arts and mathematics</i> .
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Principle 9: System Validity and Reliability

W	9.1	Accountability system produces <i>reliable decisions</i> .
W	9.2	Accountability system produces <i>valid decisions</i> .
F	9.3	State has a plan for addressing <i>changes in assessment and student population</i> .

Principle 10: Participation Rate

F	10.1	Accountability system has a means for calculating the <i>rate of participation</i> in the statewide assessment.
F	10.2	Accountability system has a means for <i>applying the 95% assessment criteria to student subgroups and small schools</i> .

STATUS Legend:

F – Final policy

P – Proposed Policy, awaiting State approval

W– Working to formulate policy

PART II: State Response and Activities for Meeting State Accountability System Requirements

Instructions

In Part II of this Workbook, States are to provide detailed information for each of the critical elements required for State accountability systems. States should answer the questions asked about each of the critical elements in the State's accountability system. States that do not have final approval for any of these elements or that have not finalized a decision on these elements by January 31, 2003, should, when completing this section of the Workbook, indicate the status of each element that is not yet official State policy and provide the anticipated date by which the proposed policy will become effective. In each of these cases, States must include a timeline of steps to complete to ensure that such elements are in place by May 1, 2003, and implemented during the 2002-2003 school year. By no later than May 1, 2003, States must submit to the Department final information for all sections of the Consolidated State Application Accountability Workbook.

PRINCIPLE 1. A single statewide Accountability System applied to all public schools and LEAs.

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
<p>1.1 How does the State Accountability System include every public school and LEA in the State?</p>	<p>Every public school and LEA is required to make adequate yearly progress and is included in the State Accountability System.</p> <p>State has a definition of “public school” and “LEA” for AYP accountability purposes.</p> <ul style="list-style-type: none"> • The State Accountability System produces AYP decisions for all public schools, including public schools with variant grade configurations (e.g., K-12), public schools that serve special populations (e.g., alternative public schools, juvenile institutions, state public schools for the blind) and public charter schools. It also holds accountable public schools with no grades assessed (e.g., K-2). 	<p>A public school or LEA is not required to make adequate yearly progress and is not included in the State Accountability System.</p> <p>State policy systematically excludes certain public schools and/or LEAs.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania’s accountability system will include every public school and local educational agency (LEA), with a goal of 100% of all students, schools, and LEAs reaching proficiency by 2013-2014. This system will build upon Chapter 4 of Title 22 of the Pennsylvania Code, which is the site of the State Board of Education’s regulations governing academic standards and assessments, which became final in 1999. *See 22 Pa. Code § 4.1 et seq.* The stated purposes of Chapter 4 are to establish rigorous academic standards and assessments to facilitate the improvement of student achievement, and to provide parents and communities a measure by which school performance can be determined. 22 Pa. Code § 4.2.

Pennsylvania has also developed a system for assessing achievement of these standards. This system is known as the Pennsylvania System of School Assessment (PSSA). The

PSSA includes reading and mathematics assessments for students in grades 3, 5, 8 and 11. A small number of students take the State's alternative assessment (the PASA), rather than the PSSA, when their IEPs so stipulate. As required by No Child Left Behind, the system will be expanded to include mathematics and reading assessments for grades 4, 6 and 7, science assessments at the elementary, middle, and high school levels, and English language proficiency assessments.

Pennsylvania's accountability system produces Adequate Yearly Progress (AYP) decisions for all public schools and LEAs as well as reports of progress toward Performance Index targets.. For purposes of this discussion, public schools include charter schools, alternative schools, independent schools, area vocational technical schools, and publicly funded schools under private or non-profit management. LEAs include public school districts, regional special education schools, intermediate units, and public residential rehabilitation institutes (PRRI). Students who are assigned by a school or district to receive their educational services outside their attendance area will have their scores attributed to the attendance area school for purposes of reporting and accountability; those who change schools voluntarily will be attributed to the school they are attending.

A "feeder school" approach will be used to hold accountable schools that do not administer statewide assessments because of their grade configurations (e.g., K-4, K-3, and K-2 schools). This feeder school approach, which will be implemented beginning in 2003, will involve determinations based on student-level (rather than school-level) aggregated data. Scores at the tested grade will be tracked back to the previous school for those students who attended a K-2, K-3, or K-4.. Once the grade 3 and 4 tests are in place, the number of such schools will be greatly reduced.

Section 4.61 (a)(1) of the regulations requires that the results of the State assessments (for each LEA and school) must be included in Pennsylvania's School Profiles. School Profiles, which are found at www.paprofiles.org, provide citizens with information that assists them in evaluating the qualities of public schools in Pennsylvania. As explained in Section 1.5 of this Workbook, Pennsylvania's General Assembly recently amended the Public School Code of 1949 (School Code) to merge the reporting requirements of Section 4.61 (School Profiles) with those of NCLB.

Finally, as explained in Section 1.6 of this workbook, rewards, assistance, and sanctions are a part of Pennsylvania's accountability system, and will be based upon AYP decisions and on progress toward Performance Index targets. Because of their universal applicability, the rewards and sanctions further demonstrate that Pennsylvania's accountability system includes every school and LEA in this Commonwealth (Accountability Legislation).

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
1.2 How are all public schools and LEAs held to the same criteria when making an AYP determination?	<p>All public schools and LEAs are systematically judged on the basis of the same criteria when making an AYP determination.</p> <p>If applicable, the AYP definition is integrated into the State Accountability System.</p>	Some public schools and LEAs are systematically judged on the basis of alternate criteria when making an AYP determination.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

All public schools and LEAs will be held to the same criteria when making AYP decisions. The AYP criteria will include the proportion of students scoring at or above the proficient level in reading and in mathematics. Pennsylvania has designated and defined terms to describe student performance (“performance level descriptors”), all of which are discussed in Section 1.3 of this workbook. These terms, which were recommended by the Department of Education and approved by the State Board of Education are: advanced, proficient, basic and below basic. 22 Pa. Code § 4.51(b)(4). The term “proficient” means “satisfactory academic performance indicating a solid understanding and adequate display of the skills included in Pennsylvania’s Academic Standards.” See 31 *Pennsylvania Bulletin* (Pa. B.) 2763 (May 26, 2001).

AYP criteria will also include (beginning in 2002-2003) attendance and graduation rate indicators, with an expectation that educational units will either meet a goal of 95% on the indicator, or show improvement over the previous year. A participation rate of 95% will be required to meet AYP. Subgroups, schools, and LEAs must meet all criteria in order to make AYP.

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
1.3 Does the State have, at a minimum, a definition of <i>basic</i> , <i>proficient</i> and <i>advanced</i> student achievement levels in reading/language arts and mathematics?	<p>State has defined three levels of student achievement: <i>basic</i>, <i>proficient</i> and <i>advanced</i>.¹</p> <p>Student achievement levels of <i>proficient</i> and <i>advanced</i> determine how well students are mastering the materials in the State's academic content standards; and the <i>basic</i> level of achievement provides complete information about the progress of lower-achieving students toward mastering the <i>proficient</i> and <i>advanced</i> levels.</p>	Standards do not meet the legislated requirements.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Section 4.51 (b) (4) of the regulations of the State Board of Education specifies that Pennsylvania's four student performance levels shall be: advanced, proficient, basic and below basic. Furthermore, this section directs the Pennsylvania Department of Education, in consultation with educators, students, parents and citizens, to develop and recommend to the State Board for its approval specific criteria for advanced, proficient, basic and below basic levels of performance. The Department understood the need for clearly defined levels of performance and created a "draft" version of definitions that was sent to more than 1700 educators, business leaders, professional education associations and parent associations. Based upon the feedback that these individuals and groups provided, the Department created definitions for the four performance levels so that the specific criteria for each level could now be identified. These definitions are as follows:

- Advanced: Superior academic performance indicating an in-depth understanding and exemplary display of the skills included in Pennsylvania's Academic Standards;

¹ System of State achievement standards will be reviewed by the Standards and Assessments Peer Review. The Accountability Peer Review will determine that achievement levels are used in determining AYP.

- Proficient: Satisfactory academic performance indicating a solid understanding and adequate display of the skills included in Pennsylvania's Academic Standards;
- Basic: Marginal academic performance, work approaching, but not yet reaching, satisfactory performance, indicating partial understanding and limited display of the skills included in Pennsylvania's Academic Standards; and
- Below Basic: Inadequate academic performance that indicates little understanding and minimal display of the skills included in Pennsylvania's Academic Standards.

Section 4.21(k) of the regulations provides that students who have not achieved proficiency in reading and mathematics by the end of grade 5, as determined on State assessments, shall be afforded instructional opportunities to develop knowledge and skills necessary to perform at the proficient level. Section 4.51 (e) provides students who did not achieve a level of proficiency in the eleventh grade assessment with an additional opportunity to do so in grade 12.

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
1.4 How does the State provide accountability and adequate yearly progress decisions and information in a timely manner?	<p>State provides decisions about adequate yearly progress in time for LEAs to implement the required provisions before the beginning of the next academic year.</p> <p>State allows enough time to notify parents about public school choice or supplemental educational service options, time for parents to make an informed decision, and time to implement public school choice and supplemental educational services.</p>	Timeline does not provide sufficient time for LEAs to fulfill their responsibilities before the beginning of the next academic year.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Every public educational entity and LEA will be evaluated annually for AYP, based on a spring testing cycle and the end-of-year graduation and attendance indicators. Beginning in 2003, schools and LEAs will receive preliminary AYP determinations in August. The NCLB Adequate Yearly Progress report for each public school entity will include preliminary AYP status based upon that entity's academic achievement, show detailed numerical calculations, and delineate consequences / impacts consistent with a single accountability system. The August notification will provide sufficient time for the LEAs to notify parents and fulfill their other responsibilities prior to the opening of school, and will also provide an opportunity for schools and LEAs to review the data and the AYP determinations before they are finalized.

If an appeal results in a decision, prior to the start of classes, that a school has made AYP, any school improvement or corrective action steps that had been initiated as a result of the preliminary decision, including school choice, will be rescinded. If such a decision is made after the start of classes, any students who have chosen to attend another school as a result of the preliminary classification may continue to do so for that year under the same conditions as if the school had not made AYP.

During the past two years, the Department has made significant strides in decreasing the time period for returning PSSA results. Prior to 2000, PSSAs were administered in February-March and results were returned to schools in October. Beginning in 2000,

tests were administered in April and results were returned by the end of August. In 2002, 11th grade student results were sent to districts by July 15. Beginning in 2003, all student scores are scheduled to be delivered by July 15. When student scores are received, schools are then responsible for delivering the students scores to the parents or guardians.

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
1.5 Does the State Accountability System produce an annual State Report Card?	<p>The State Report Card includes all the required data elements [see Appendix A for the list of required data elements].</p> <p>The State Report Card is available to the public at the beginning of the academic year.</p> <p>The State Report Card is accessible in languages of major populations in the State, to the extent possible.</p> <p>Assessment results and other academic indicators (including graduation rates) are reported by student subgroups</p>	<p>The State Report Card does not include all the required data elements.</p> <p>The State Report Card is not available to the public.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania produces an annual state report card, which will be modified to fully incorporate the NCLB requirements. For several years, Pennsylvania has used its “School Profiles” as a vehicle to keep citizens informed about its schools. These profiles, which are available at www.paprofiles.org, provide information about many subjects, including student achievement. When NCLB was enacted, it was necessary to make some adjustments to the profiles (e.g., the addition of data disaggregated by subgroup) to ensure consistency between State and federal reporting requirements. The General Assembly responded by passing House Bill 204, which is referred to as the State and School Report Card Bill (Act No. 153 of 2002, signed into law on December 9, 2002).

This new law essentially incorporates the reporting requirements of the NCLB into the Pennsylvania School Code of 1949 (School Code), expressly delineating the responsibilities of the State, as well as those of each LEA, charter school, cyber charter school, intermediate unit and area vocational technical school. It effectively transforms the school, LEA and state “profiles” into “report cards” and is more “user-friendly” since State and federal requirements now appear in one section of the School Code. The law requires the Department to issue guidelines concerning the collection and submission of data in order to ensure continued compliance with federal and State mandates. This provision will be of value, as it will provide the Department with the flexibility to address any unanticipated questions that may arise.

The State Report Card, which provides information at the State, LEA and school levels is also published on the Department's website. To ensure that the citizens are aware of the opportunity to review the Report Card, the General Assembly requires the Pennsylvania Department of Education to inform the public of the availability of the report card prior to publication.

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
1.6 How does the State Accountability System include rewards and sanctions for public schools and LEAs? ²	<p>State uses one or more types of rewards and sanctions, where the criteria are:</p> <ul style="list-style-type: none"> • Set by the State; • Based on adequate yearly progress decisions; and, • Applied uniformly across public schools and LEAs. 	State does not implement rewards or sanctions for public schools and LEAs based on adequate yearly progress.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The Pennsylvania accountability system will include rewards, assistance, and sanctions for public schools and LEAs that are entirely aligned with NCLB. The rewards, assistance, and sanctions will apply to every public school and LEA in the Commonwealth. (Accountability Legislation)

Rewards for Distinguished Local Education Units

State law will provide for schools and LEAs to be designated as distinguished, and given recognition and/or monetary rewards, if they meet or exceed their annual AYP targets or Performance Index targets for two consecutive years, for all students and for the designated subgroups. The monetary rewards shall be used by distinguished schools for any school-related purpose designated by the school principal, after consultation with a representative group of faculty, and approved by the superintendent. Use of monetary rewards by distinguished LEAs will be determined by the superintendent, after consultation with a representative group of LEA staff.

² The state must provide rewards and sanctions for all public schools and LEAs for making adequate yearly progress, except that the State is not required to hold schools and LEAs not receiving Title I funds to the requirements of section 1116 of NCLB [§200.12(b)(40)].

Assistance and Sanctions for Schools Not Making AYP

State law will provide assistance and sanctions for schools which have failed to meet AYP criteria for two or more consecutive years in a given subject. After two years of not meeting AYP, schools will be put into a school improvement cycle; after two more years of not meeting AYP, they will be put into a corrective action cycle. The assistance for schools will include improvement support teams, distinguished educators, and local improvement grants, to support educational units in addressing issues which have been obstacles to student progress. Sanctions, consistent with NCLB, will range from required improvement planning with state oversight to school restructuring or reconstitution.

Assistance and Sanctions for School Districts not Making AYP

For school districts, support teams, distinguished educators, and local improvement grants will also be made available. Districts failing to meet AYP criteria in a given subject for two years will be placed on an education empowerment list, which will provide the board of school directors with expanded authority to implement an improvement plan over a two-year period. This authority includes, but is not limited to: the authority to reconstitute a school, the authority to establish any school as a charter school and the authority to rescind the contracts of superintendents and other administrators who entered into contracts after the effective date of the Empowerment Act. If the District fails to meet AYP after three years the state will establish a board of control with oversight of the district. The special board of control assumes responsibility for the operation of the school district and remains in effect until the district has achieved the goals in its improvement plan and no longer has a history of low test performance.

PRINCIPLE 2. All students are included in the State Accountability System.

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
2.1 How does the State Accountability System include all students in the State?	All students in the State are included in the State Accountability System. The definitions of “public school” and “LEA” account for all students enrolled in the public school district, regardless of program or type of public school.	Public school students exist in the State for whom the State Accountability System makes no provision.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

All public school students are included in NCLB accountability regardless of program or type of public education entity. (As explained in Chapter 4 of Pennsylvania’s Accountability Handbook, all public school students are included in Pennsylvania’s system of accountability. This universe includes students in public schools, publicly funded schools managed by private or non-profit groups, intermediate units (IUs), area vocational technical schools, charter schools, private residential rehabilitation institutions, juvenile facilities, State-owned schools, and students who have been placed in approved private schools by their LEAs.) When students have been placed in educational settings other than their attendance area by their home school and/or LEA, their scores will be attributed for purposes of reporting and accountability to their home school.

All students in the Commonwealth are required to participate in the state assessments, with the exception of those granted a religious exemption. The assessments are accommodated for students with special needs, and these accommodations are currently being reviewed and expanded to ensure the most valid possible assessment for every student.

There is currently a Pennsylvania System of Alternate Assessment designed for students with more severe disabilities whose IEP specifies that the PSSA is not appropriate. The department is also exploring the possibility of an alternative assessment for English Language Learners who have recently arrived in the country. These are discussed further in Section 5.4.

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
2.2 How does the State define “full academic year” for identifying students in AYP decisions?	<p>The State has a definition of “full academic year” for determining which students are to be included in decisions about AYP.</p> <p>The definition of full academic year is consistent and applied statewide.</p>	<p>LEAs have varying definitions of “full academic year.”</p> <p>The State’s definition excludes students who must transfer from one district to another as they advance to the next grade.</p> <p>The definition of full academic year is not applied consistently.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania has adopted a definition of the term “full academic year” for purposes of identifying students in AYP decisions. A student is enrolled for a “full academic year” if the student is enrolled from October 1 of the academic year to the close of the testing period. This definition was determined following a careful review process, which involved consideration of the definitions used by other states, comments provided by the Committee of Practitioners, and questions raised by representatives of the U.S. Department of Education at a meeting, with a delegation from Pennsylvania, held on December 18, 2002.

Historically, Pennsylvania has not collected data relative to enrollment for the “full academic year,” but it will do so beginning with the Spring administration of the 2003 statewide assessments. School administrators will “code in” the information relative to enrollment for the full academic year in a manner prescribed by the Department. To ensure that the definition is applied consistently throughout the State, the Department is instituting uniform procedures for the collection of data at both the school (or educational entity) and LEA levels. Collecting these data at both levels will enable Pennsylvania to make consistent and accurate decisions, relative to AYP, for all students. Even if a student has not been enrolled in a particular school for the full academic year, that school remains responsible for administering the statewide assessment to that student, as Pennsylvania requires that all students participate in the assessment (unless religious exemptions apply).

CRITICAL ELEMENT	EXAMPLES FOR MEETING STATUTORY REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
2.3 How does the State Accountability System determine which students have attended the same public school and/or LEA for a full academic year?	<p>State holds public schools accountable for students who were enrolled at the same public school for a full academic year.</p> <p>State holds LEAs accountable for students who transfer during the full academic year from one public school within the district to another public school within the district.</p>	<p>State definition requires students to attend the same public school for more than a full academic year to be included in public school accountability.</p> <p>State definition requires students to attend school in the same district for more than a full academic year to be included in district accountability.</p> <p>State holds public schools accountable for students who have not attended the same public school for a full academic year.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The accountability system properly includes mobile students. Schools, LEAs and educational entities are accountable for mobile students in the same manner as they are for other students. The “full academic year” criteria are applied to all students. In Pennsylvania, it is not uncommon for students to move from one school to another within the same district during an academic year. In these instances, the school in which the student is enrolled at the time of the assessment bears responsibility for test administration; however, the district, rather than the school, will be accountable for the student’s performance. Pennsylvania does not have in place a longitudinal student tracking system, but is currently investigating more effective ways to ensure that all mobile students are counted. In addition, Pennsylvania intends to shorten the period of time during which school districts may administer the PSSA (the “testing window”), so that there is even greater uniformity throughout the State in terms of the dates of test administration. A shorter testing window will also facilitate the objective of ensuring that schools, LEAs and the State account for all mobile students.

PRINCIPLE 3. State definition of AYP is based on expectations for growth in student achievement that is continuous and substantial, such that all students are proficient in reading/language arts and mathematics no later than 2013-2014.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
3.1 How does the State's definition of adequate yearly progress require all students to be proficient in reading/language arts and mathematics by the 2013-2014 academic year?	The State has a timeline for ensuring that all students will meet or exceed the State's proficient level of academic achievement in reading/language arts ³ and mathematics, not later than 2013-2014.	State definition does not require all students to achieve proficiency by 2013-2014. State extends the timeline past the 2013-2014 academic year.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The Pennsylvania accountability system, and its definition of adequate yearly progress will require that all students be proficient in reading/language arts and mathematics by 2013-2014, based on an assessment participation rate of 95% or more, overall, and for each subgroup. (Accountability Legislation)

Pennsylvania has adopted as its proficient level a standard that complies with NCLB requirements. The proficient level is defined as “satisfactory academic performance indicating a solid understanding and adequate display of the skills included in Pennsylvania’s Academic Standards.” 31 *Pa. B.* 2763 (May 26, 2001). This definition, as well as the definitions of the other performance level descriptors, was established based upon the results of more than three years of technical review and educator evaluation.

³ If the state has separate assessments to cover its language arts standards (e.g., reading and writing), the State must create a method to include scores from all the relevant assessments.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
<p>3.2 How does the State Accountability System determine whether each student subgroup, public school and LEA makes AYP?</p>	<p>For a public school and LEA to make adequate yearly progress, each student subgroup must meet or exceed the State annual measurable objectives, each student subgroup must have at least a 95% participation rate in the statewide assessments, and the school must meet the State's requirement for other academic indicators.</p> <p>However, if in any particular year the student subgroup does not meet those annual measurable objectives, the public school or LEA may be considered to have made AYP, if the percentage of students in that group who did not meet or exceed the proficient level of academic achievement on the State assessments for that year decreased by 10% of that percentage from the preceding public school year; that group made progress on one or more of the State's academic indicators; and that group had at least 95% participation rate on the statewide assessment.</p>	<p>State uses different method for calculating how public schools and LEAs make AYP.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Making AYP

Consistent with NCLB's objective of ensuring that every child becomes proficient in reading and mathematics by 2013-2014, Pennsylvania will establish annual measurable objectives to assess the AYP of every public school and LEA within the State. These objectives will require that all students reach 100% proficiency by 2014. As indicated in Section 2.3 of this workbook, procedures have been developed to ensure that Pennsylvania properly accounts for its mobile students and that the requirement of a 95% participation rate is met. The annual measurable objectives and the requirement of a 95% participation rate apply to public schools and LEAs and all student subgroups therein. A school or LEA will be designated as in year 1 of School Improvement if, for the second consecutive year in a given subject, the school, LEA, or a subgroup therein fails to meet AYP criteria.

Pennsylvania will combine data across grades in individual schools within each subject area and subgroup, as permitted by Section 200.20(d)(2) of the federal regulations governing implementation of NCLB. In determining whether AYP criteria have been met, the accountability system will compare the target with whichever is higher of the most current year's data and the average of that year with the previous year. The system will also determine whether each educational unit, and each subgroup therein, has met the criteria for participation, and whether each educational unit has met the graduation and attendance criteria.

The accountability system includes all of the federally required student subgroups:

- All Students
- Students with Individual Education Plans
- English Language Learners (Limited English Proficient students)
- Economically Disadvantaged Students (Determinations of status as "economically disadvantaged" are based upon free and reduced breakfast and lunch information).
- Major racial / ethnic subgroups:
 - White (Non-Hispanic)
 - Black / African American (Non- Hispanic))
 - Latino / Hispanic
 - Asian or Pacific Islander
 - Native American or Alaskan Native
 - Multiracial

Considered to Have Made AYP

NCLB requires that every child become proficient in reading and mathematics by 2013-2014, and that all students make continuous and substantial progress. Pennsylvania's accountability system will utilize both the percent of students proficient in reading or mathematics method and the 10% reduction in non-proficient students method, as

outlined in the legislation, effective with our determination of AYP status for the 2002-2003 school year.

Because of Pennsylvania's commitment to measuring both absolute achievement levels and growth, and because NCLB requires that "adequate yearly progress shall be defined by the State in a manner that ... results in continuous and substantial progress for all", Pennsylvania believes that it is crucial that progress be measured in a way that is sensitive to academic growth all along the achievement scale. Therefore, Pennsylvania will use a performance index as part of its overall state accountability plan, for such purposes as allocating awards and informing technical assistance strategies. However, PDE also would like to incorporate the performance index into its system of determining whether educational units are considered to have made adequate yearly progress for NCLB. Toward this end, PDE will continue to work to develop a methodology that is mutually satisfactory to both PDE and USDOE. Our intent is to finalize these discussions by July 1, 2003, in order to incorporate the performance index in our 2002-2003 AYP determination process.

At the same time, PDE will continue to explore the use of confidence intervals to increase the validity and reliability of our decisions regarding accountability, as referenced in Section 9.2, and will submit illustrative data requested by USDOE and seek resolution within the above time frame. PDE recognizes that this issue, too, must be mutually agreed to by both parties.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
<p>3.2a What is the State's starting point for calculating Adequate Yearly Progress?</p>	<p>Using data from the 2001-2002 school year, the State established separate starting points in reading/language arts and mathematics for measuring the percentage of students meeting or exceeding the State's proficient level of academic achievement.</p> <p>Each starting point is based, at a minimum, on the higher of the following percentages of students at the proficient level: (1) the percentage in the State of proficient students in the lowest-achieving student subgroup; or, (2) the percentage of proficient students in a public school at the 20th percentile of the State's total enrollment among all schools ranked by the percentage of students at the proficient level.</p> <p>A State may use these procedures to establish separate starting points by grade span; however, the starting point must be the same for all like schools (e.g., one same starting point for all elementary schools, one same starting point for all middle schools...).</p>	<p>The State Accountability System uses a different method for calculating the starting point (or baseline data).</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania has adopted a standard of proficiency that complies with NCLB requirements. The proficient level is defined as “satisfactory academic performance indicating a solid understanding and adequate display of the skills included in Pennsylvania’s Academic Standards.” 31 *Pa. B.* 2763 (May 26, 2001). This definition, as well as the definitions of the other performance level descriptors, was established based upon the results of more than three years of technical review and educator evaluation.

The starting points for AYP in reading/language arts and mathematics were calculated based on the 2001-2002 data. The Commonwealth has established separate starting points in reading/language arts and mathematics for measuring the percentage of students meeting or exceeding the State’s proficient level of academic achievement. Each starting point is based on the higher of the following percentages of students at the proficient level: (1) the percentage in the State of proficient students in the lowest-achieving student subgroup; or, (2) the percentage of proficient students in a public school at the 20th percentile of the State’s total enrollment among all schools ranked by the percentage of students at the proficient level.

The starting points are 35% proficient for mathematics, and 45% proficient for reading.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
3.2b What are the State's annual measurable objectives for determining adequate yearly progress?	<p>State has annual measurable objectives that are consistent with a state's intermediate goals and that identify for each year a minimum percentage of students who must meet or exceed the proficient level of academic achievement on the State's academic assessments.</p> <p>The State's annual measurable objectives ensure that all students meet or exceed the State's proficient level of academic achievement within the timeline.</p> <p>The State's annual measurable objectives are the same throughout the State for each public school, each LEA, and each subgroup of students.</p>	<p>The State Accountability System uses another method for calculating annual measurable objectives.</p> <p>The State Accountability System does not include annual measurable objectives.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The Commonwealth's annual measurable objectives for AYP are the same as the intermediate goals. (See Section 3.2c.) They will include annual improvement in graduation rate for the high school level, and in student attendance for the elementary and middle levels.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
3.2c What are the State's intermediate goals for determining adequate yearly progress?	<p>State has established intermediate goals that increase in equal increments over the period covered by the State timeline.</p> <ul style="list-style-type: none"> •The first incremental increase takes effect not later than the 2004-2005 academic year. •Each following incremental increase occurs within three years. 	<p>The State uses another method for calculating intermediate goals.</p> <p>The State does not include intermediate goals in its definition of adequate yearly progress.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The technical assistance program of the State will increase substantially over the next two years (Accountability Legislation) with a resulting increase in the capacity of schools and LEAs to increase student performance. In addition, the combination of the AYP requirement of 95% participation, changes in state policy regarding participation of English Language Learners, and increasingly strict definitions of participation are expected to increase the proportion of traditionally low-scoring students who will be participating in the assessment program. This can be expected to have a short-run depressing effect on achievement scores over the next several years which will not be a valid representation of progress from the baseline year. For these two reasons, the intermediate goals require greater growth with each successive increment, and increments come more rapidly in later years.

The intermediate goals are shown below in Table 1. .

Table 1 – Intermediate Goals Math and Reading

Assessment	Math	Reading
2002	35	45
2003	35	45
2004	35	45
2005	45	54

2006	45	54
2007	45	54
2008	<u>56</u>	<u>63</u>
<u>2009</u>	56	63
2010	56	63
2011	67	72
2012	78	81
2013	89	91
2014	100	100

Table 2 below indicates the number and percent of schools that would score below the stepped thresholds of 2002, 2005, and 2008, based upon the 2002 data and assuming no further growth.

Table 2
Number of Schools Below NCLB Thresholds

	Step		
Level	2002	2005	2008
Elementary	371	600	902
Middle	172	246	385
Secondary	166	314	484
Total	709	1160	1771
Percent	25.7%	42.1%	64.2%

Notes:

1. 2757 schools in data base
2. Secondary = schools having grade 11
3. Middle = schools having grade 8, with or without grade 5
4. Elementary = schools having only grade 5

PRINCIPLE 4. State makes annual decisions about the achievement of all public schools and LEAs.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
4.1 How does the State Accountability System make an annual determination of whether each public school and LEA in the State made AYP?	AYP decisions for each public school and LEA are made annually. ⁴	AYP decisions for public schools and LEAs are not made annually.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

AYP decisions for each public school and LEA will be made annually. Based on the AYP goals described in section 3.2b, each year, each of these entities will receive a preliminary AYP report (including the preliminary decision of whether the entity has made AYP for that particular year). The AYP reports will include AYP status, show detailed numerical calculations, and delineate the resulting consequences / impacts consistent with NCLB requirements for a single accountability system. There will be a 30 day review period to permit the schools and LEAs to verify data and appeal to the LEA or Department before determinations are made final.

⁴ Decisions may be based upon several years of data and data may be averaged across grades within a public school [§1111(b)(2)(J)].

PRINCIPLE 5. All public schools and LEAs are held accountable for the achievement of individual subgroups.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
5.1 How does the definition of adequate yearly progress include all the required student subgroups?	Identifies subgroups for defining adequate yearly progress: economically disadvantaged, major racial and ethnic groups, students with disabilities, and students with limited English proficiency. Provides definition and data source of subgroups for adequate yearly progress.	State does not disaggregate data by each required student subgroup.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania will measure the AYP of the following subgroups:

- All Students
- Students with Individual Education Plans
- English Language Learners (Limited English Proficient students)
- Economically Disadvantaged Students (Determinations of status as “economically disadvantaged” are based upon free and reduced breakfast and lunch information).
- Major racial / ethnic subgroups:
 - White (Non-Hispanic)
 - Black / African American (Non- Hispanic))
 - Latino / Hispanic
 - Asian or Pacific Islander
 - Native American or Alaskan Native
 - Multicultural

Note: Data identifying members of these subgroups will be supplied by school personnel.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
5.2 How are public schools and LEAs held accountable for the progress of student subgroups in the determination of adequate yearly progress?	Public schools and LEAs are held accountable for student subgroup achievement: economically disadvantaged, major ethnic and racial groups, students with disabilities, and limited English proficient students.	State does not include student subgroups in its State Accountability System.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The Commonwealth has collected and reported these disaggregated subgroup data since 2000. The schools and LEAs will be held accountable for the performance (specifically the achievement of or failure to achieve AYP) for each of the relevant subgroups: all students, major racial ethnic groups, economically disadvantaged students, students with disabilities, and Limited English Proficient students. The achievement calculations (percentage of students performing at the proficient level and above), as well as safe harbor determinations, will be computed for each of these groups in an identical manner.

The only change required for complete alignment between Pennsylvania's existing requirements and this requirement of NCLB was the redesign of the testing demographic data collection form to capture the demographic characteristics required to determine the non-participation rate of each subgroup. Pennsylvania has not collected this information in the past, but has begun using a redesigned form to obtain the relevant data beginning in the spring of 2003.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
5.3 How are students with disabilities included in the State's definition of adequate yearly progress?	<p>All students with disabilities participate in statewide assessments: general assessments with or without accommodations or an alternate assessment based on grade level standards for the grade in which students are enrolled.</p> <p>State demonstrates that students with disabilities are fully included in the State Accountability System.</p>	<p>The State Accountability System or State policy excludes students with disabilities from participating in the statewide assessments.</p> <p>State cannot demonstrate that alternate assessments measure grade-level standards for the grade in which students are enrolled.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania includes all students with disabilities in the accountability system. Pennsylvania's statewide assessment is required for ALL students in public educational entities including: all public schools, Intermediate Regional Educational Units, Charter Schools, State Owned Schools, Career and Technical Schools, Private Residential Rehabilitative Institutions, Approved Private Schools, and Juvenile Detention Facilities. A wide variety of valid accommodations is offered to ensure equal access to the PSSA for students with disabilities. In addition the PSSA is currently being reviewed and the range of questions will be expanded to provide a fuller range to provide greater accessibility for those students with disabilities participating in the PSSA.

Additionally, the Pennsylvania System of Alternate Assessment has been specifically designed for those students with more severe disabilities whose IEP teams have determined that the PSSA is not appropriate. The administration of this assessment is based upon six rigorous criteria and is aligned to the Pennsylvania Academic Standards. The ½% of students that participate in the Pennsylvania Alternate System of Assessment (PASA) will be included in the accountability system at the school and LEA level. It is anticipated, consistent with proposed NCLB regulations, that these students will be among the up to 1% permitted to be measured against standards that are not at grade level. They will be included as part of the overall reporting, or through an alternative assessment report, as the final regulations may permit.

Pennsylvania will be expanding the PASA with the implementation of the required administration of statewide assessments in grades 4, 6 and 7. There will be a development of the PASA for grades 4, 6 and 7 aligned with state standards

All assessments other than the PASA are based upon the grade level academic content standards in which the student is enrolled. Pennsylvania does not have nor is it constructing “out-of- level” testing. Reporting and accountability are also commensurate with the test administration. (For example, results of students with disabilities are reported and accountable at the grade level in which they participated.) The results of students with disabilities are “counted” in the same manner as all other students; there are no adjustments to scores.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
5.4 How are students with limited English proficiency included in the State's definition of adequate yearly progress?	<p>All LEP student participate in statewide assessments: general assessments with or without accommodations or a native language version of the general assessment based on grade level standards.</p> <p>State demonstrates that LEP students are fully included in the State Accountability System.</p>	LEP students are not fully included in the State Accountability System.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania is serving as the lead state in a consortium of states (along with Accountability Works and Educational Testing Services) to develop an English Language Proficiency assessment that will meet the requirements of NCLB, which will include a program evaluation to determine student progress and achievement of proficiency. It is anticipated that the assessment will be ready for implementation in the spring of 2005. Until that assessment is available, LEAs in Pennsylvania will be required to administer, at the end of each school year, a State- approved English language proficiency assessment that measures the domains of comprehension, listening, speaking, reading and writing.

Limited English proficient (LEP) students will also be included in the overall accountability system in the same manner as other students. Thus, the assessment results of every LEP student enrolled in the school for the full academic year will be included in the school's count. The results of LEP students enrolled in different schools within the district during the academic year will be counted in the LEA's results, and the results of LEP students enrolled in more than one district in Pennsylvania will be counted in the State's results.

All LEP students are required to take the statewide assessment and will receive results regardless of the duration of their enrollment in particular schools. Pennsylvania does not currently have native language versions of its statewide assessments. Therefore, LEP students take the English version of the assessment (based on grade-level standards) with or without accommodations. For language groups of 5,000 or more students, the Department plans to provide native language assessments to recently enrolled students by Spring of 2005. The possibility of other alternative assessments for newly arrived English Language Learners is also being explored.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
5.5 What is the State's definition of the minimum number of students in a subgroup required for reporting purposes? For accountability purposes?	<p>State defines the number of students required in a subgroup for reporting and accountability purposes, and applies this definition consistently across the State.⁵</p> <p>Definition of subgroup will result in data that are statistically reliable.</p>	<p>State does not define the required number of students in a subgroup for reporting and accountability purposes.</p> <p>Definition is not applied consistently across the State.</p> <p>Definition does not result in data that are statistically reliable.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The challenge in determining the minimum number of students in a group for accountability purposes is to include a maximum number of schools and groups while at the same time assuring the reliability and validity of the decisions that result. Numerous studies have demonstrated that even at a group size of 100 or 200, there is substantial risk of identifying groups as not making AYP on the basis of chance rather than real underperformance. Furthermore, that risk increases when a school or LEA has multiple subgroups. However, setting minimum N's as high as 100 has the effect of eliminating large numbers of schools, as well as subgroups, thereby perpetuating the damage that is caused by lack of accountability. In determining an appropriate minimum N for accountability in Pennsylvania, the Department has sought to make a decision that is sound from an educational point of view through close examination of the data about the schools in this state. We have been guided by two underlying principles:

- Every school must be included in the accountability system; no school is immune to the requirement for annual yearly progress because of small size
- The accountability of subgroups at the school and/or LEA level should be maximized, consistent with reliable and valid accountability decisions

Based on these principles and the data below, the Pennsylvania minimum N for subgroups will be 40 students. However, no school will be excluded from the analysis. For schools with an N below 40, the department will use two or three years of data in making AYP calculations if available, and will consider the use of a confidence interval. **These schools will meet the same accountability requirements as schools with an N greater than forty.** However, each school will be held accountable each year, even if the

⁵ The minimum number is not required to be the same for reporting and accountability.

total N for the available data is below 40. The chart below depicts the number of schools with N sizes less than 40. The use of confidence intervals will also be studied for schools with multiple subgroups which exceed the minimum N, since the risk of false identification increases with each additional subgroup.

School Size

The range of school enrollments in Pennsylvania is very large. Table 1 indicates the range of school enrollments in the currently tested grades.

Number and Percent of schools at or below various N's						
N	Grade 5		Grade 8		Grade 11	
	N	%	N	%	N	%
20	67	4%	19	2%	23	4%
30	162	10%	41	5%	36	6%
40	265	16%	59	7%	49	8%
50	452	27%	78	10%	67	10%
75	892	52%	151	19%	127	19%
100	1272	75%	234	29%	197	30%
150	1566	92%	379	47%	317	49%
200	1630	96%	505	63%	403	62%
250	1663	98%	598	75%	479	73%
300	1682	99%	691	86%	533	82%
350	1694	99%	736	92%	571	87%
400	1697	100%	767	96%	594	91%
500	1701	100%	788	99%	620	95%
600	1702	100%	795	99%	634	97%
700	1703	100%	799	100%	645	99%
800	1703	100%	799	100%	649	99%
1000	1703	100%	799	100%	652	100%

Given the proportion of enrollments below the N's of 30, 40, and 50, it is clear that any of these N's is bound to exclude significant numbers of schools. Thus, the Department will use two years of data in calculating AYP for schools below the N of 40.

Impact of N's of Various Sizes

The displays below show the impact of use of different minimum N's in two ways: 1) the number and % of schools and districts in which various subgroups are excluded at different minimum N's; 2) a projection of the number and % of schools and districts that would be identified as not making AYP based solely on subgroup scores, at different N's.

Exclusion from Accountability Calculations

Number of Schools Excluded from the Accountability Analysis Elementary, Middle, and Secondary

Table 2

Minimum N	School	White	Black	Hispanic	Asian	Native Am	IEP	LEP	Low-Income
30	152	291	343	185	0	0	1303	92	742
40	255	463	427	219	0	5	1513	100	965
50	447	668	482	236	0	5	1626	104	1125
75	900	1090	588	270	0	5	1702	105	1376
100	1316	1395	652	281	0	5	1715	107	1496

Note: All Schools with Grades 5, 8, 11, and 10 or more students in the group or subgroup (N=2757)

Note that the chart above includes only schools with 10 or more students from a given subgroup, since subgroups with less than 10 would be excluded automatically for confidentiality reasons.

Percent of All Schools Excluded from the Accountability Analysis Elementary, Middle, and Secondary

Table 3

Minimum N	School	White	Black	Hispanic	Asian	Native Am	IEP	LEP	Low-Income
30	4.8%	9.2	10.9	5.9	0	0	41.2	2.9	23.5
40	8.1	14.7	13.5	6.9	0	0.2	47.9	3.2	30.5
50	14.2	21.1	15.3	7.5	0	0.2	51.5	3.3	35.6
75	28.5	34.5	18.6	8.5	0	0.2	53.9	3.3	43.6
100	41.7	44.2	20.6	8.9	0	0.2	54.3	3.4	47.4

Note: All Schools with Grades 5, 8, 11 (N=3159)

Appendix C displays the same information for the district level.

Identification Rates at Different N's

The analysis summarized below for grades 5, 8, and 11 includes only schools whose outcomes for the school year 2001-2002 were above the NCLB starting points, and which

had a 95% participation rate. Thus, these data simulate the number of schools who would be identified as not making AYP solely on the basis of their subgroup disaggregations. Tables 4 and 5 break out the school identification data by subgroup at various N's..

Table 4
Number of Schools Not Meeting AYP Criteria Due Solely to Subgroup(s) Results

Reading				
Group/Minimum size	75	50	40	30
White	2	2	2	2
Hispanic	1	2	5	8
African Am	9	19	30	45
Asian	0	0	0	0
Native Am	0	0	0	0
IEP	7	41	111	257
LEP	0	0	1	2
Econ disadv	48	136	202	279

Table 5

Math				
Group/Minimum size	75	50	40	30
White	2	2	2	2
Hispanic	1	2	4	8
African Am	10	22	33	48
Asian	0	0	0	0
Native Am	0	0	0	0
IEP	6	40	106	244
LEP	0	0	1	2
Econ disadv	41	120	174	237

- 1) Starting points – thresholds – of 35% in math and 45% in reading were used in this analysis.
- 2) Some schools have more than one disaggregated group which is below AYP starting points
- 3) Analyses performed on public schools only including Charters, AVTS, state owned schools.

Identification of Multiple Subgroups

The risk of chance identification is additive with each additional groups, schools with more than one subgroup meeting the criterion number have a significantly higher risk of inaccurate identification. Table 6 summarizes the proportion of schools with multiple subgroups at each N's of 30, 40, and 50.

Table 6

Percent of Schools with One or More Subgroups						
Number of Subgroups	N=30		N=40		N=50	
	Math	Reading	Math	Reading	Math	Reading
1	73.4	72.9	81.2	79.5	87.7	87.4
2	22.0	23.1	15.4	17.7	10.5	10.9
3	4.1	3.6	2.7	2.1	1.9	1.7
4	0.5	0.4	0.8	0.7		

Appendix D provides the N's upon which these figures were based.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
5.6 How does the State Accountability System protect the privacy of students when reporting results and when determining AYP?	Definition does not reveal personally identifiable information. ⁶	Definition reveals personally identifiable information.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania's statewide testing databases contain no student identifiable information. On the basis of a State regulation protecting student confidentiality, there is no reporting (in either school-level or public reports) of information concerning disaggregated groups of fewer than 10 students. *See* 22 Pa. Code 4.51(c). Furthermore, in any cases where 95% or more of the students in a group or subgroup receive the same score, reports will show only that the 95% criterion was met.

Student level results are provided to the district superintendent via a diskette, and the superintendent cannot access the diskette without a password. As indicated in Section 2.3, Pennsylvania does not currently have a student tracking system.

⁶ The Family Education Rights and Privacy Act (FERPA) prohibits an LEA that receives Federal funds from releasing, without the prior written consent of a student's parents, any personally identifiable information contained in a student's education record.

PRINCIPLE 6. State definition of AYP is based primarily on the State’s academic assessments.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
6.1 How is the State’s definition of adequate yearly progress based primarily on academic assessments?	Formula for AYP shows that decisions are based primarily on assessments. ⁷ Plan clearly identifies which assessments are included in accountability.	Formula for AYP shows that decisions are based primarily on non-academic indicators or indicators other than the State assessments.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania’s accountability system is based primarily on academic assessments; apart from PSSA reading and mathematics assessments, the only other indicators of AYP are graduation rates and student attendance rates, consistent with the requirements of NCLB. All PSSA test questions are specifically mapped to an academic content curricular area. (Please note that Section 4.51(b) of the State Board of Education’s regulations expressly prohibits the adoption of academic standards or assessment questions that require students to hold or express particular attitudes, values or beliefs. 22 Pa. Code § 4.51(b). Thus, Pennsylvania assessments measure academic performance only.) For additional information, please refer to the Content area Handbooks accompanying this document for further details (also at the Department’s website: www.pde.state.pa.us, under “K-12 schools – Assessment Handbooks”). Please also refer to the School Summary File Documentation: Reading and Math Assessment for Spring 2002 for file layout information that further illustrates that all questions are based on the academic standards.

⁷ State Assessment System will be reviewed by the Standards and Assessments Peer Review Team.

PRINCIPLE 7. State definition of AYP includes graduation rates for public High schools and an additional indicator selected by the State for public Middle and public Elementary schools (such as attendance rates).

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
<p>7.1 What is the State definition for the public high school graduation rate?</p>	<p>State definition of graduation rate:</p> <ul style="list-style-type: none"> • Calculates the percentage of students, measured from the beginning of the school year, who graduate from public high school with a regular diploma (not including a GED or any other diploma not fully aligned with the state's academic standards) in the standard number of years; or, • Uses another more accurate definition that has been approved by the Secretary; and • Must avoid counting a dropout as a transfer. <p>Graduation rate is included (in the aggregate) for AYP, and disaggregated (as necessary) for use when applying the exception clause⁸ to make AYP.</p>	<p>State definition of public high school graduation rate does not meet these criteria.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

⁸ See USC 6311(b)(2)(I)(i), and 34 C.F.R. 200.20(b)

Pennsylvania's accountability system includes the graduation rate, measured over time by comparing the number of students receiving a regular high school diploma in a given year against the total number of students entering that ninth grade class four years earlier.

Schools and LEAs which either improve their graduation rate from the previous year, or are at or above the 95% rate, will meet the criterion.

Pennsylvania will use the NCES calculation methodology for graduation rate, both in the aggregate and, when necessary, disaggregated. This calculation method utilizes the number of graduates **that have earned a standard diploma** in the numerator divided by the number of graduates **and recipients of non-standard diplomas** plus dropouts from the current year and the previous three years in the denominator.

For the current year, and until cumulative four-year data are available, the Department will use the National Center for Educational Statistics (NCES) - graduation rate synthetic methodology for reporting disaggregated data. The synthetic formula uses the graduates in the numerator. The graduates plus the 12th grade dropouts, 11th grade dropouts, 10th grade dropouts, and 9th grade dropouts from the same (current) year are used in the denominator.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
7.2 What is the State's additional academic indicator for public elementary schools for the definition of AYP? For public middle schools for the definition of AYP?	<p>State defines the additional academic indicators, e.g., additional State or locally administered assessments not included in the State assessment system, grade-to-grade retention rates or attendance rates.⁹</p> <p>An additional academic indicator is included (in the aggregate) for AYP, and disaggregated (as necessary) for use when applying the exception clause to make AYP.</p>	State has not defined an additional academic indicator for elementary and middle schools.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania has selected improved child attendance rates as its additional academic indicator for elementary and middle school students. Specifically, child attendance rate is calculated by taking the “average daily attendance” divided by “average daily membership.” In essence, the calculation sums the days that the student was both enrolled at the district and actually present in the district.

There is considerable academic support for the proposition that a strong correlation exists between attendance and academic performance. In reaching its decision to use child attendance rates as the additional indicator of AYP, Pennsylvania considered the following:

- Research shows that a young child’s regular attendance in school and in the classroom is indicative of his/her overall achievement. Relevant discussions focus on time, time on task, and engaged time (Woolfolk, *Educational Psychology* (1995);
- No other variables are as uniformly collected (by formula) and meaningful;
- The Committee of Practitioners and the Stakeholders Group recommend that child attendance rates be used to fulfill that requirement; and
- The Department’s internal data show that attendance is directly related to academic achievement on the Statewide assessments.

Schools and LEAs which either improve their attendance rate from the previous year, or are at or above the 95% level, will meet the criterion

⁹ NCLB only lists these indicators as examples.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
7.3 Are the State's academic indicators valid and reliable?	<p>State has defined academic indicators that are valid and reliable.</p> <p>State has defined academic indicators that are consistent with nationally recognized standards, if any.</p>	<p>State has an academic indicator that is not valid and reliable.</p> <p>State has an academic indicator that is not consistent with nationally recognized standards.</p> <p>State has an academic indicator that is not consistent within grade levels.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Test Scores

The accountability system is entirely founded upon Pennsylvania's academic content standards. The system represents the traditional concept of content validity relative to assessment construction, as all assessments are based on and linked to the Pennsylvania Academic Content Standards. There is no out-of-grade-level testing. Reliability is a measure of consistency of the scores. The closer the reliability coefficient is to one, the more reliable the test. The reliability coefficients are .93, .94 and .95 for the grade 5, 8, and 11 mathematics assessment and .90, .93 and .93 for the reading assessment at those grades, respectively.

Inter-rater agreement is another important factor in reliability. Ten percent of the student responses to the open-ended items were scored by two raters. The correlation between the scores of both raters is at or above .85 on the open-ended tasks for both reading and math. Standard errors, which are calculations of the scores' probable range, from the 2001 statewide assessment are as follows:

	5 th grade	8 th grade	11 th grade
	Std. Error	Std. Error	Std. Error
Math Scaled Score Building Mean	2.53	3.80	4.54
Math Scaled Score District Mean	2.22	3.58	4.07
Reading Scaled Score Building Mean	2.61	4.18	4.60
Reading Scaled Score District Mean	2.30	3.89	4.07

The number of buildings, means, and standard deviations are also displayed below.

Grade 5	Buildings	Mean	Std. Error	Std. Deviation
Math Scaled Score Building Mean				
1827	1303.86	2.53	108.244	
Math Scaled Score District Mean				
1827	1302.70	2.22	94.947	
Reading Scaled Score Building Mean				
1826	1303.63	2.61	111.393	
Reading Scaled Score District Mean				
1826	1304.14	2.30	98.342	
Valid N (listwise)				
1826				

Grade 8	Buildings	Mean	Std. Error	Std. Deviation
Math Scaled Score District Mean	918	1284.98	3.58	108.354
Reading Scaled Score Building Mean				
917	1277.48	4.18	126.721	
Reading Scaled Score District Mean				
917	1278.89	3.89	117.898	
Valid N(listwise)				
917				

Grade 11	Buildings	Mean	Std. Error	Std. Deviation
Math Scaled Score Building				

Mean			
714	1261.12	4.54	121.344
Math Scaled Score District Mean			
715	1267.54	4.07	108.930
Reading Scaled Score Building Mean			
714	1259.72	4.60	122.921
Reading Scaled Score District Mean			
715	1265.80	4.07	108.808
Valid N (listwise)			
714			

Other Indicators

As explained in Section 7.1 of this Workbook, Pennsylvania's method of calculating graduation rates is the method recommended by NCES. This method is widely accepted and regarded as valid and reliable. As noted previously, Pennsylvania has adopted child attendance rates as its additional indicator of AYP for elementary and middle school students. Pennsylvania's prior experience in using the designated means of calculating attendance rates (that described in Section 7.2), and using this indicator as part of a state rewards system, supports the proposition that the selected method of calculation is also valid and reliable.

PRINCIPLE 8. AYP is based on reading/language arts and mathematics achievement objectives.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
8.1 Does the state measure achievement in reading/language arts and mathematics separately for determining AYP?	State AYP determination for student subgroups, public schools and LEAs separately measures reading/language arts and mathematics. ¹⁰ AYP is a separate calculation for reading/language arts and mathematics for each group, public school, and LEA.	State AYP determination for student subgroups, public schools and LEAs averages or combines achievement across reading/language arts and mathematics.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania measures achievement in reading/language arts and mathematics separately. Skills in these two content areas are assessed separately. Moreover, separate (but parallel) standard-setting procedures were used to determine the scaled scores that correspond to the specific performance levels (e.g., proficiency) for assessments in each content area. In addition, the disaggregations are constructed separately for mathematics and reading and NCLB accountability as well.

¹⁰ If the state has more than one assessment to cover its language arts standards, the State must create a method for including scores from all the relevant assessments.

PRINCIPLE 9. State Accountability System is statistically valid and reliable.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
9.1 How do AYP determinations meet the State's standard for acceptable reliability?	<p>State has defined a method for determining an acceptable level of reliability (decision consistency) for AYP decisions.</p> <p>State provides evidence that decision consistency is (1) within the range deemed acceptable to the State, and (2) meets professional standards and practice.</p> <p>State publicly reports the estimate of decision consistency, and incorporates it appropriately into accountability decisions.</p> <p>State updates analysis and reporting of decision consistency at appropriate intervals.</p>	<p>State does not have an acceptable method for determining reliability (decision consistency) of accountability decisions, e.g., it reports only reliability coefficients for its assessments.</p> <p>State has parameters for acceptable reliability; however, the actual reliability (decision consistency) falls outside those parameters.</p> <p>State's evidence regarding accountability reliability (decision consistency) is not updated.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The reliability and validity of the AYP decision are undergoing review by the Department, with the support of outside experts. Subject to results of that review, we anticipate increasing validity and reliability in three ways. First, we will judge AYP in a given year based on a subgroup's, school's or LEA's two-year average or current test score, whichever is higher. Second, the use of the Pennsylvania Performance Index as part of the safe harbor provision currently being explored, as described in Section 3.2, would further increase reliability and validity, by ensuring that schools showing sufficient continuous progress across all performance levels to reach 100% proficiency by 2014 would not be misidentified as requiring sanctions. Third, Pennsylvania is considering the use of a confidence interval around the cut point for proficiency.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
9.2 What is the State's process for making valid AYP determinations?	State has established a process for public schools and LEAs to appeal an accountability decision.	State does not have a system for handling appeals of accountability decisions.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

The use of minimum sample size rules, improvement indicators, cross-year averaging, and the possibility of a confidence interval in making AYP decisions increases validity and reliability. The process for making AYP decision will begin with a preliminary notification of LEAs and schools of their AYP status and the data on which the determinations were based. This will be followed by a 30 day period for review of the data and determinations by all schools and LEAs, and for appeal to the LEA or the Department, respectively, before decisions are finalized. Decisions on all appeals will be made within 30 days.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
9.3 How has the State planned for incorporating into its definition of AYP anticipated changes in assessments?	<p>State has a plan to maintain continuity in AYP decisions necessary for validity through planned assessment changes, and other changes necessary to comply fully with NCLB.¹¹</p> <p>State has a plan for including new public schools in the State Accountability System.</p> <p>State has a plan for periodically reviewing its State Accountability System, so that unforeseen changes can be quickly addressed.</p>	<p>State's transition plan interrupts annual determination of AYP.</p> <p>State does not have a plan for handling changes: e.g., to its assessment system, or the addition of new public schools.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Anticipated changes in assessments include supplementing the Pennsylvania System of School Assessment (PSSA), which is currently administered to students in grades 3,5, and 8, with statewide assessments for grades 4, 6, and 7 in reading/language arts by 2005-2006, and grade-span assessments in science by 2007-2008. It will be necessary to engage in a standards-setting process, similar to that used for the PSSA, to determine the criteria for performance levels for these grades, and to adjust the intermediate goals as additional grades are added. The Department is currently considering its options for accomplishing this task, which is vital for the purpose of maintaining internal consistency within Pennsylvania's accountability system. In addition, it will be necessary to set standards for each of the augmented assessments to ensure their comparability across grade levels. The Request for Proposals (RFP) apprising vendors of the opportunity to apply for consideration of their assessments expressly requires evidence of a vendor's ability to perform this function, as well as the other processes required to ensure validity and reliability. No interruption of annual identification of AYP is anticipated.

¹¹ Several events may occur which necessitate such a plan. For example, (1) the State may need to include additional assessments in grades 3-8 by 2005-2006; (2) the State may revise content and/or academic achievement standards; (3) the State may need to recalculate the starting point with the addition of new assessments; or (4) the State may need to incorporate the graduation rate or other indicators into its State Accountability System. These events may require new calculations of validity and reliability.

All new public schools will be brought into the accountability system as soon as they are part of the Department's official database (EdNA). Test scores will be followed in the context of school reconfigurations, merges, and schools receiving new school numbers. This has been successfully accomplished in the context of School Performance Funding for four years in Pennsylvania. Changes in the assessment will only be undertaken on the basis that the achievement performance levels are equated to previous years and that approved by USDE. A superintendent's committee (already in place and operational in Pennsylvania) will serve as integral part in reviewing the accountability system and recommending courses of action in addressing unforeseen changes. Additionally, the Department and the NCLB Committee of Practitioners will periodically review the assessment system, with the assistance of outside experts. This periodic review will ensure that changing needs are addressed across the state.

PRINCIPLE 10. In order for a public school or LEA to make AYP, the State ensures that it assessed at least 95% of the students enrolled in each subgroup.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF NOT MEETING REQUIREMENTS
10.1 What is the State's method for calculating participation rates in the State assessments for use in AYP determinations?	<p>State has a procedure to determine the number of absent or untested students (by subgroup and aggregate).</p> <p>State has a procedure to determine the denominator (total enrollment) for the 95% calculation (by subgroup and aggregate).</p> <p>Public schools and LEAs are held accountable for reaching the 95% assessed goal.</p>	<p>The state does not have a procedure for determining the rate of students participating in statewide assessments.</p> <p>Public schools and LEAs are not held accountable for testing at least 95% of their students.</p>

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

Pennsylvania has a uniform procedure for calculating participation rates in statewide assessments. At the time that the PSSA is administered, Pennsylvania collects the demographic information (including the information required under NCLB's reporting requirements) for all students enrolled in the school or other educational entity (including charter schools, career and technical schools, intermediate units, and juvenile facilities). For more specific information regarding the collection of demographic information, please refer to the "Personnel Use Form" that is included in the PSSA materials that are sent to schools. The term "all students enrolled" encompasses students who are absent on the date of the assessment and students who do not participate in the assessment (because of a religious objection, truancy or refusal). Thus, the denominator (in the calculation of the participation rate) is the entire universe of students enrolled in public schools and other public educational entities. **The numerator will be composed all students who take the PSSA and the PASA.** After the overall participation rate is calculated, the participation rate of each subgroup is also calculated. The ninety-five percent (95%) participation rate in statewide assessments is a requirement in Pennsylvania; schools that do not meet the ninety-five percent (95%) threshold will be subject to consequences consistent with NCLB, regardless of their assessment scores.

CRITICAL ELEMENT	EXAMPLES FOR MEETING REQUIREMENTS	EXAMPLES OF <i>NOT</i> MEETING REQUIREMENTS
10.2 What is the State's policy for determining when the 95% assessed requirement should be applied?	State has a policy that implements the regulation regarding the use of 95% allowance when the group is statistically significant according to State rules.	State does not have a procedure for making this determination.

STATE RESPONSE AND STATE ACTIVITIES FOR MEETING REQUIREMENTS

In all instances and with all public school entities, when a measurable disaggregated group is established (n=40) a participation rate as described in 10.1 is determined and all NCLB accountability consequences are implemented. Small schools are included with a separate public report, so long as the confidentiality threshold (n=10) exists; if not, those results are still included at that LEA level.

Pennsylvania regulations provide for only one exemption-- a parental request for exemption, based upon religious reasons. Pursuant to Section 4.4(d)(4) of the State Board of Education's regulations, students whose parents make such requests are excused from the statewide assessment. Historically, the parents of fewer than one-half of one percent of students have requested religious exemptions. Students receiving these exemptions will not be excluded from the total population (denominator) in calculating the participation rate.

Appendix A

Required Data Elements for State Report Card

1111(h)(1)(C)

1. Information, in the aggregate, on student achievement at each proficiency level on the State academic assessments (disaggregated by race, ethnicity, gender, disability status, migrant status, English proficiency, and status as economically disadvantaged, except that such disaggregation shall not be required in a case in which the number of students in a category is insufficient to yield statistically reliable information or the results would reveal personally identifiable information about an individual student.
2. Information that provides a comparison between the actual achievement levels of each student subgroup and the State's annual measurable objectives for each such group of students on each of the academic assessments.
3. The percentage of students not tested (disaggregated by the student subgroups), except that such disaggregation shall not be required in a case in which the number of students in a category is insufficient to yield statistically reliable information or the results would reveal personally identifiable information about an individual student.
4. The most recent 2-year trend in student achievement in each subject area, and for each grade level, for the required assessments.
5. Aggregate information on any other indicators used by the State to determine the adequate yearly progress of students in achieving State academic achievement standards disaggregated by student subgroups.
6. Graduation rates for secondary school students disaggregated by student subgroups.
7. Information on the performance of local educational agencies in the State regarding making adequate yearly progress, including the number and names of each school identified for school improvement under section 1116.
8. The professional qualifications of teachers in the State, the percentage of such teachers teaching with emergency or provisional credentials, and the percentage of classes in the State not taught by highly qualified teachers, in the aggregate and disaggregated by high-poverty compared to low-poverty schools which (for this purpose) means schools in the top quartile of poverty and the bottom quartile of poverty in the State.